Index of Claims

Application/Control No.

Applicant(s)/Patent under Reexamination

ZHANG ET AL.

10/074,462 Examiner

Art Unit

Ashok B. Patel

2154

Rejected

(Through numeral) Cancelled

Non-Elected Ν

Appeal Α

Allowed

Restricted

١ Interference

0 Objected

|     | Cla   | aim                   | Date     |         |          |          |              |  |          |          |   | Claim |                                |          |          | Date     |               |              |                               |  |    | Claim  |            |               | Date         |  |                 |   |              |  |
|-----|-------|-----------------------|----------|---------|----------|----------|--------------|--|----------|----------|---|-------|--------------------------------|----------|----------|----------|---------------|--------------|-------------------------------|--|----|--|------------|---------------|--------------|--|-----------------|---|--------------|--|
|     | Final | Original              | 3/22/07  |         |          |          |              |  |          |          |   | Final | Original                       | 3/22     |          |          |               |              |                               |  |    | Final  | Original   |               |              |  |                 |   |              |  |
|     |       | -1-                   | =        |         |          |          |              |  |          |          |   | 4     | 51                             | =        |          |          |               |              |                               |  |    |  | 101        |               |              |  |                 |   | I            | 工  |
|     |       | 2                     |          |         |          |          |              |  |          |          |   | 5     | 52                             | =        |          |          |               | $\perp$      |                               |  |    |  | 102        |               |              |  |                 |   |              |  |
| _   |       | 3                     |          |         | $\perp$  |          |              |  |          |          |   | 6     | 53                             | п        |          |          |               | ┸            |                               |  | _  |  | 103        |               |              |  |                 |   |              |  |
| _   |       | 4                     | =        | $\perp$ | $\perp$  | L        | _            |  |          |          |   | 7     | 54                             | =        |          |          |               | _            | $oldsymbol{oldsymbol{\perp}}$ | oxdot  | 4  |  | 104<br>105 |               | 4.           |  | $\sqcup$        | $\perp$   |              | $\perp$  |
|     |       | 5                     |          | 4       | 1        | ↓_       | <u> </u>     | _  |          |          | _ |       | 55                             |          |          |          | $\dashv$      |              | ╀                             |  | 4  |  | 105        | _             | 4_           | <u> </u>   | $\sqcup$        | _   |              |  |
|     |       | 6                     | $\perp$  | ┿       | ↓_       | ↓        | <u> </u>     |  | $\Box$   |          |   | 8     | 56                             | =        |          |          | _             | $\bot$       | _                             | $oxed{oxed}$                                     | 4  |  | 106        |               | -            | $\vdash$   | $\sqcup$        | $\dashv$  | $\dashv$     | $\bot$   |
|     |       | 7                     | =        | ╀       | ╀        | ₽        | <b>├</b>     | Н  | $\dashv$ |          | = |       | <del>-57</del>                 |          | П        |          |               | +            | -                             |  | 4  |  | 107        |               | 4-           | ╄  | $\sqcup$        | $\dashv$  | +            | +  |
|     |       | _8_<br>_9_            |          | +       | ╀        | ╀        | ⊢            | Н  | $\vdash$ |          |   | 9     | 58                             | =        |          |          | -             | +            | +                             | $\vdash$   | 4  |  | 108        |               | +-           | ⊬  | $\vdash$        | +   |              | +  |
|     |       | 10-                   | 1        | +       | ╁        | ╀        | ⊢            | $\vdash$   | $\dashv$ |          |   |       | <del>59</del><br><del>60</del> |          |          |          | +             | +            | +                             | $\vdash$   | -  |  | 109<br>110 |               | ┿            |  | $\vdash$        | +   |              | ┿┩   |
| -   |       | -11-                  | Œ        | +       | ╁        | +        | ┢            | $\vdash$   | $\dashv$ |          | _ | 10    | 61                             | =        |          |          | -             | +-           | +-                            |  | ┨  | <del></del>                                      | 111        | $\dashv$      | +            | $\vdash$   | $\vdash$        | $\dashv$  | <del></del>  | +-   |
|     |       | 12                    |          | _       | ╁        | ╁        | $\vdash$     | <del>                                     </del> | $\dashv$ | _        |   | 11    | 62                             | =        | $\vdash$ | $\dashv$ | +             | +            | +                             |  | 1  | <del></del>                                      | 112        | $\rightarrow$ | +            | <del>                                     </del> | $\vdash$        | +   | +            | +  |
| _   | =     | 13                    |          | +-      | +        | +        | <del> </del> | $\vdash$   |          |          |   | 12    | 63                             | =        |          | $\vdash$ | +             | +            | +-                            | - -  | 1  |  | 113        | $\dashv$      | +            | $\vdash$   |                 | +   | +            | +  |
|     |       | 14                    |          | +-      | 1        | 1-       | 1            | $\vdash$   | $\vdash$ | _        |   | 13    | 64                             | =        | $\vdash$ |          | $\dashv$      | +            | +                             | $\vdash \vdash$                                  | 1  | <u> </u>   | 114        | $\dashv$      | +            | T  | $\vdash$        | 十   | $\dashv$     | 一  |
| _   |       | 15-                   |          |         | $\top$   | 1        |              |  |          |          |   | 14    | 65                             | =        |          |          | $\neg$        | 1            | T                             |  | 1  |  | 115        |               | 1            |  | Н               | $\top$  | 十            | $\top$   |
| -   |       | _16_                  |          | 1       | 1        | T        |              |  |          |          |   | 15    | 66                             | Ξ        |          |          | _             | 1            | T                             |  | 1  |  | 116        |               | 1            |  | $\Box$          | 十   | $\neg$       | $\top$   |
| į   |       | -17-                  |          | -       | $\top$   |          |              |  |          | -        |   |       | 67                             |          |          |          |               | $\top$       |                               |  | 1  |  | 117        |               | $\top$       |  | П               | $\top$  | $\top$       | $\top$   |
|     |       | 18                    |          |         | Τ        | T        |              |  |          |          |   |       | 68                             |          |          |          |               |              |                               |  | 1  |  | 118        |               |              |  |                 | 一   | $\top$       | $\top$   |
|     |       | 19                    | <b>—</b> |         | T        |          |              |  |          |          |   |       | 69                             |          |          |          |               |              |                               |  | 7  |  | 119        |               |              |  |                 |   | $\top$       | $\top$   |
|     |       | -20-                  |          |         |          |          |              |  |          |          |   |       | 70                             |          |          |          |               |              |                               |  | ]  |  | 120        |               |              |  |                 |   |              |  |
| -   |       | 21-                   |          | ┸       | 1        |          |              |  |          |          |   |       | 71                             |          |          |          |               |              |                               |  | ]  |  | 121        |               |              |  |                 |   |              |  |
| _   |       | -22-                  |          | ±_      | L        | <u> </u> |              |  |          |          |   |       | ·72                            |          |          |          |               |              |                               |  | ╛  |  | 122        |               |              |  |                 | $\perp$   |              |  |
| -   |       | 23                    |          | -       | 丄        | ↓_       |              |  |          |          | l |       | 73                             | L        |          |          | _             |              | ļ                             |  | 4  |  | 123        |               |              |  |                 |   | 丄            | $\bot$   |
| -   |       | -24                   |          | 4_      | ╄        | ╙        | _            | ldash  |          |          |   |       | 74                             | $\sqcup$ |          | _        | _ -           |              | _                             |  | 4  |  | 124        | $\perp$       | _            | oxdot  |                 | $\bot$  | $\bot$       | $\sqcup$   |
|     |       | 25-                   | =        | -       | ╀-       | ╄        | _            | _  |          | _        |   |       | 75                             |          |          | _        |               | 4            | _                             | <b> </b>   | 4  | ш  | 125        |               | 4_           |  | $\sqcup$        | 4   |              | 44   |
| _   |       | 26-                   |          | +-      | ↓        | <u> </u> | -            | _  | -        |          |   |       | 76                             |          |          |          | -             | 4            | -                             |  | 4  |  | 126        |               |              | <u> </u>   | $\vdash$        | $\dashv$  | —            | +  |
| ,   |       | 27<br>28              | Η-       | ╀       | ╀        | +-       | ļ            |  |          |          |   |       | 77                             | <u> </u> |          |          | -             | +            | ┼                             |  | 4  |  | 127        | _             | +            | $\vdash$   | $\vdash$        | -   | +            | +  |
|     |       | -29<br>-29            |          | 7       | ╁        | +-       | -            | -  |          |          |   |       | 78<br>79                       | H        | $\vdash$ | _        |               |              | ┼                             |  | 4  |  | 128<br>129 | -             | +            | $\vdash$   | $\vdash$        | +   | +            | +  |
| į   |       | 30                    |          | +       | +        | ╁        | ┢            | -  | $\dashv$ |          |   |       | 80                             | H        |          |          | -             | +            | +                             |  | -  | $\vdash$   | 130        | -             | +            | -  | $\vdash$        | +   |              | +  |
|     |       | 31                    | -        | ╁       | ╁        | ╁        | $\vdash$     | $\vdash$   | $\dashv$ | _        |   |       | 81                             |          |          |          | -             | +            | +                             |  | ┨  | -  | 131        |               | +-           | -  | $\vdash$        | +   | +            | ╂  |
| ,   |       | 32                    |          | +       | ╫        | +        | -            |  | -        | -        |   |       | 82                             |          | $\vdash$ |          | $\dashv$      | +            | +                             |  | ┨  |  | 132        | $\dashv$      | ╅            | +  | $\vdash$        | +   | +            | +  |
| ) ( |       | 33                    |          | +-      | +-       | +-       | -            | $\vdash$   | $\dashv$ |          |   |       | 83                             | H        |          |          | $\dashv$      | +-           | +-                            |  | ┪╶ |  | 133        | $\rightarrow$ | +            | -  | $\vdash$        | 十   | +            | +  |
| -   |       | 34                    |          | _       | ✝        | t        | T            |  |          |          |   |       | 84                             |          |          |          | $\neg \vdash$ | +            | +                             | -  | 1  |  | 134        | $\top$        | +            |  |                 | $\dashv$  | +            | +-1  |
|     |       | 35                    |          | 1       | 1        | 1        | T            |  |          |          |   |       | 85                             |          |          |          |               | 1            | $\top$                        |  | 1  |  | 135        | $\neg$        | $\top$       |  | $\Box$          | 十   | +            | +  |
|     |       | 36                    | $\Box$   | -       |          |          |              |  |          |          |   |       | 86                             |          |          |          | 十             | $\top$       | 1                             |  | 1  |  | 136        |               | $\top$       |  |                 | $\top$  | $\top$       | 11   |
|     |       | 37_                   | $\Box$   |         |          |          |              |  |          | _        |   |       | 87                             |          |          |          |               |              |                               |  |    |  | 137        |               | T            |  | П               | $\top$  | $\top$       | $\top$   |
| _   |       | 38                    | $\pm$    |         | $\Gamma$ |          |              |  |          |          |   |       | 88                             |          |          |          |               | $oxed{oxed}$ |                               |  |    |  | 138        |               |              |  |                 | $\Box$  |              | $\Box$   |
| -   |       | 39                    | =        | -[      |          |          |              |  |          |          |   |       | 89                             |          |          |          |               |              |                               |  |    |  | 139        |               | $oxed{oxed}$ |  |                 | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |              |  |
| 1   |       | 40                    |          |         | $\perp$  | $\perp$  | _            |  |          |          |   |       | 90                             |          |          |          |               | L            |                               |  | 1  |  | 140        |               | $\bot$       | $oxed{\Box}$                                     | $\Box$          | $oldsymbol{\perp}$                                |              |  |
| 4   |       | 41                    |          | 4       | 1        | 1_       | _            | Ш  |          |          |   |       | 91                             | Щ        | Ш        |          |               | $\perp$      |                               |  | 1  |  | 141        | $\perp$       | 1            |  | Ц               | $\perp$   |              | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ |
| _   |       | <del>-42</del> -      | $\Box$   | $\bot$  | 1        |          | ऻ_           | Ш  |          |          |   |       | 92                             | Ш        | Ш        |          | $\perp$       | $\perp$      | 4_                            | $\vdash \vdash$                                  | 4  | L  | 142        |               | _            | <b>—</b>   | $\sqcup$        | _   | 4            | 44   |
| J   |       | _43-                  | $\vdash$ | +       | +-       | ┼        | -            |  |          |          |   |       | 93                             | Щ        | $\sqcup$ |          |               | +            | ╀                             |  | 4  | <u> </u>   | 143        |               | 1            | <b> </b>   | $\sqcup$        | $\bot$  | $\bot$       | 11   |
| ,   |       | 44                    |          | 7-      | ╀-       | +        | <del> </del> | $\vdash$   |          | _        |   |       | 94                             | Н        |          | _        | -             | +            | +                             |  | 4  | ļ  | 144        | _             | $\downarrow$ |  | $\sqcup$        | 4   | 4            | +  |
|     | 1_    | 45                    | =        | +       | +-       | +        | -            | $\vdash$   | -        |          |   |       | 95                             | $\vdash$ |          |          | +             | +            | ╁                             | $\vdash \vdash$                                  | -  | <u> </u>   | 145        |               | -            | $\vdash$   | dash            | $\dashv$  | <del> </del> | 44   |
| 7   | 2     | <del>-46-</del><br>47 | =        | +       | +        | ╁        | -            | -  |          | $\dashv$ |   |       | 96<br>97                       | $\vdash$ | Н        | $\dashv$ | -             | +            | $\vdash$                      |  | 4  | <del>                                     </del> | 146<br>147 | $\dashv$      | -            | -  | $\vdash \vdash$ | +   |              | 4  |
|     |       | 47<br>-48             |          | +       | ╁        | +        | $\vdash$     | $\vdash$   | -        | _        |   |       | 98                             | $\vdash$ | H        | $\dashv$ | -             | +-           | ╫                             | $\vdash\vdash$                                   | 4  | $\vdash$   | 147        | -             | +            | -  | $\vdash \vdash$ | +   | +            | +  |
|     |       | 49                    | $\equiv$ | +       | +        | $\vdash$ | ┼            | $\vdash$   |          |          |   |       | 99                             | H        | $\vdash$ |          |               | +            | +                             | <del>                                     </del> | ┨  | $\vdash$   | 149        | +             | +-           | $\vdash$   | $\vdash \vdash$ | +   | +            | ┼-┤  |
| -   | 3     | 50                    | .=       | ╁       | +        | +        | $\vdash$     | Н  | $\dashv$ | _        |   |       | 100                            | $\vdash$ | -        |          | $\dashv$      | +            | +-                            |  | 1  | $\vdash$   | 150        | -             | +-           | -  | $\vdash$        | +   | +            | +  |
| '   |       |                       | <u></u>  |         |          | .1       |              | ш  |          |          |   |       |                                | L        |          |          |               |              |                               |  | _  | لــــــا   | .00        |               | _L           | L.   | <u> </u>        | —   |              | لب   |

